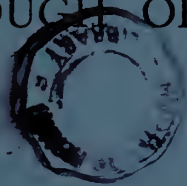




BOROUGH OF LEIGH



REPORT

of the

Medical Officer of Health

and the

Chief Public Health Inspector

for the Year

1960





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HEALTH COMMITTEE

Chairman:

Alderman T. HOURIGAN, J.P., C.A.,

Deputy Chairman

Councillor F. GIBSON.

His Worship the Mayor Councillor LAWRENCE BIRTLES J.P.,

Alderman T. Battersby, M.B.E., J.P.

" G. H. Bratt, J.P.

" E. Green, J.P.

" S. Jones, J.P.

" W. Kearney, J.P.

Councillor D. M. Allen.

" H. Connell.

" H. Davies.

" H. Gough, J.P.

" P. Hull.

" A. E. Lyon.

" J. Murray.

" J. Owens.

" Dr. L. G. R. Roberts.

" T. Sale.

S T A F F

Medical Officer of Health:

E L L I S   T A Y L O R,   M.B.,   Ch.B.,   D.P.H.

Chief Public Health Inspector:

H A R R Y   C L U S K Y

Inspector of Canal Boats:     Rodent Officer

Deputy Chief Public Health Inspector:

A R T H U R   L.   H O P E

District Public Health Inspectors:

Thomas Sutton

David H. Barnes

Robert Charles Wood (Appointed 1.7.60)

Lance Cartwright     (Appointed 4.7.60)

Temporary Technical Assistant:

James Kenneth Hogg   (Appointed 5.12.60)

Clerical Staff:

Senior Clerk:     Eric H. Haslam (Retired 9.7.60)  
                     Mrs. G. O'Neil (Appointed 1.5.60)

Clerk/Typist:     Miss L. Gibson  
                     "     "     Miss I. Baker (Resigned 31.3.60)  
                     "     "     Miss E. Taylor (Appointed 12.9.60)

Disinfector/Mortuary Attendants:

John Kelly

William Lowton

Rodent Control:

John Statham

T A B L E     O F     C O N T E N T S.

INTRODUCTION

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SECTION A.

S T A T I S T I C A L      A N D      S O C I A L  
C O N D I T I O N S      O F      T H E      A R E A.

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Public Health Department,

Town Hall,

L E I G H.

Tel. Leigh 72421

To the Chairman and Members of the Health Committee.

I have the honour to present for your information and consideration the Annual Report on the health of the Borough of Leigh for the year 1960.

The health of the Borough has, on the whole, again remained satisfactory through the year. The population continued its downward trend which has been evident since 1950, the mid-year estimate being 47,240. The birth rate was 15.7 per thousand, and the infant mortality rate at 20.0 remains below the national figure (21.7). The death rate decreased to 14.6 per thousand.

It is now more than ten years since the last case of diphtheria was notified, a satisfying result of the immunisation drive of succeeding years. Whilst the percentage of the school and pre-school population vaccinated against poliomyelitis is comparable with the national average, in common with most towns the foresight of the teen-age and adult age groups is not reflected in the numbers coming forward for vaccination.

The Corporation's Slum Clearance programme continued steadily in accordance with the five year scheme - in fact it is somewhat ahead of schedule.

To implement the Council's Clean Air policy a Technical Assistant was appointed and soon afterwards a satisfying start was made on the survey of the first Smoke Control Area. It is hoped that the impetus will be increased and the hesitancy of the commencement quickly overcome. Public opinion would appear to be accepting the need for this action and much interest was shown in the Department's educational activities.

I welcome this opportunity of expressing thanks to you, Mr. Chairman, and all Members of the Health Committee for their continued interest in the Department, and to the Members of the staff and my colleagues in the Town Hall for their over-ready help and co-operation.

Yours sincerely,

E. TAYLOR.

# V I T A L     S T A T I S T I C S.

The following is a summary of the principal statistics for the year 1960:-

	<u>Leigh</u>	<u>England &amp; Wales</u>
Population	47,240	45,755,000
Number of deaths (corrected)	555	526,278
Death Rate (per 1,000 population)	14.6	11.5
Number of Live Births registered (corrected)	750	782,673
Number of Illegitimate Births	19	
Percentage of Illegitimate Live Births	2.53	
Live Birth Rate (per 1,000 population)	15.7	17.1
Number of Stillbirths (corrected)	22	15,734
Stillbirth rate per 1,000 total (live and still) births	28.5	19.7
Number of Infant Deaths	15	16,961
Infant Mortality Rate per 1,000 live births	20	21.7
Infant Mortality Rate per 1,000 legitimate births	20.5	
Infant Mortality Rate per 1,000 illegitimate births	52.6	
Neo-natal Mortality Rate (first four weeks) per 1,000 related live births	16	15.6
Peri-natal Mortality Rate per 1,000 total births	40.2	32.9
Maternal Deaths (excluding abortion)	Nil	2.48
Maternal Mortality Rate (including abortion) per 1,000 total births	Nil	0.39
Number of Deaths from all forms of Tuberculosis	2	3.426
Death Rate per 1,000 population from all forms of Tuberculosis	0.04	0.075
Number of deaths from Neoplasms - Lung Bronchus	10	21,992
Death Rate per 1,000 population from Neoplasms - Lung Bronchus	0.21	0.48

## LOCAL CONDITIONS AND STATISTICS.

Leigh is an industrial South-East Lancashire Town. The highest and lowest ordnance datum being 146 feet and 53 feet respectively.

The principal industries are coal mining, cotton spinning and weaving, electric cable manufacture, electrical products, rope making, rayon weaving, sheet metal working, agricultural and general engineering, with some farming on mossland on the southerly boundary of the Borough.

Area in acres	6,359
Population (Census 1951)	48,728
Estimated population (Mid-year Estimate 1960)	47,240
Number of inhabited houses, end of 1960 according to rate books	14,967
Rateable Value	£543,862
Sum represented by Penny Rate	£2,111

TABLE SHOWING CLASSIFICATIONS OF CAUSES  
OF DEATHS FOR THE YEAR 1960.

	<u>Males</u>	<u>Females</u>	<u>Total</u>
Tuberculosis, Respiratory	1	1	2
Other Infective and Parasitic Diseases	-	1	1
Malignant Neoplasms - Stomach	9	7	16
"        "        - Lung, Bronchus	9	1	10
"        "        - Breast	-	6	6
"        "        - Uterus	-	5	5
"        "        - Others	25	29	54
Leukaemia, aleukaemia	2	1	3
Diabetes	1	1	2
Vascular Lesions of the Nervous System	30	51	81
Coronary Disease, Angina	74	25	99
Hypertension with Heart Disease	8	12	20
Other Heart Disease	42	43	85
Other Circulatory Diseases	13	8	21
Influenza	2	-	2
Pneumonia	4	9	13
Bronchitis	21	6	27
Other diseases of respiratory system	12	-	12
Ulcer of Stomach and Duodenum	-	2	2
Gastritis, Enteritis and Diarrhoea	1	1	2
Nephritis and Nephrosis	1	7	8
Hyperplasia of Prostate	1	-	1
Congenital malformations	3	4	7
Other defined and ill-defined diseases	20	33	53
Motor Vehicle Accidents	3	2	5
All other Accidents	7	4	11
Suicide	5	2	7
	<u>294</u>	<u>261</u>	<u>551</u>

STATISTICS FOR 1959, 1960 AND THE PERIOD 1955 - 1959.

BOROUGH OF LEIGH	Per 1,000 Estimated Population			Mortality Rate	
	Live Birth Rate	Crude Death Rate	Death Rate from Pulmonary Tuberculosis	Maternal Rate per 1,000 Total Births	Infants Rate per 1,000 Live Births
Mean of 5 years (1955 to 1959)	15.5	12.4	0.10	0.79	27.8
Year 1959	16.0	13.2	0.13	Nil	17.1
Year 1960	15.9	11.7	0.04	Nil	20.0
Increase or decrease in 1960 on 5 years average (1955 - 1959)	+ 0.4	- 0.7	- 0.06	- 0.79	- 7.8
Increase or decrease in 1960 on 1959	- 0.1	- 1.5	- 0.09	Nil	+ 2.9

## B I R T H     R A T E

The total number of registered live births assignable to the Borough of Leigh for the year 1960 was 750 compared with 759 the previous year. The corresponding Birth Rate for the two years respectively are 15.9 and 16.0 per 1,000 estimated population.

The crude death rate is 11.7 per 1,000 of the estimated resident population, but when this is corrected and adjusted by making allowances for the age and sex distribution of the population it becomes comparable with the death rate of the country as a whole, or with the death rate of any other area. This standardised death rate, as it is then termed, is 14.6 per 1,000 estimated population for the Borough of Leigh.

The following table gives the Birth and Death Rates for Leigh and England and Wales during the last 25 years:-

Year	Birth Rates		Death Rates	
	Leigh	England & Wales	Leigh	England & Wales
1936	12.8	14.8	15.8	12.1
7	13.5	14.9	14.4	12.4
8	15.3	15.1	11.9	11.6
9	14.5	15.0	15.4	12.1
1940	15.5	14.6	16.6	14.3
1	18.1	14.2	11.7	12.9
2	18.3	15.8	12.1	11.6
3	19.8	16.5	12.5	12.1
4	19.3	17.6	12.7	11.6
5	18.8	16.1	12.5	11.5
6	20.4	19.1	11.5	11.4
7	22.2	20.5	12.7	12.0
8	17.9	17.9	11.3	10.8
9	17.4	16.7	12.4	11.7
1950	16.5	15.8	11.8	11.6
1	14.7	15.5	12.7	12.5
2	13.9	15.3	11.7	11.3
3	15.1	15.5	10.2	11.4
4	14.9	15.2	11.8	11.3
5	14.4	15.0	14.5	11.7
6	15.0	15.7	15.3	11.7
7	15.4	16.1	15.3	11.5
8	16.1	16.4	14.0	11.7
9	15.9	16.5	16.4	11.6
1960	15.7	17.1	14.6	11.5

## S T I L L     B I R T H     R A T E .

The total number of registered still births assignable to the Borough during the year was 22 compared with 20 the previous year, giving rates for the two years of 0.46 and 0.42 respectively per 1,000 estimated population. The still birth rate for England and Wales during the period was 0.34.

BIRTH RATES AND DEATH RATES, ANALYSIS OF MORTALITY  
AND CASE RATES FOR CERTAIN INFECTIOUS DISEASES  
FOR THE YEAR 1960.

	Rates per 1,000 Home Population	
	England & Wales	Leigh
<b>BIRTHS:-</b>		
Live Births	17.1	15.7
Still Births	0.34	0.46
	19.7 (a)	28.5 (a)
<b>DEATHS:-</b>		
All causes	11.5	14.6
Tuberculosis - All forms	0.075	0.04
Respiratory	0.068	0.04
Non-Respiratory	0.007	Nil
Cancer - All forms	2.16	1.99
Lungs & Bronchus	0.48	0.21
Other Cancer	1.68	1.78
Maternal Mortality	0.39 (a)	Nil
Infant Mortality	21.7 (b)	20.0 (b)
Neo-Natal Mortality	15.6 (b)	16.0 (b)
<b>NOTIFICATIONS:-</b>		
Typhoid Fever	0.002	Nil
Paratyphoid Fever	0.005	Nil
Meningococcal Infection	0.014	Nil
Scarlet Fever	0.703	0.36
Whooping Cough	1.268	0.34
Diphtheria	0.001	Nil
Erysipelas	0.065	0.02
Smallpox	0.000	Nil
Measles	3.482	27.75
Pneumonia	0.318	0.02
Acute Poliomyelitis - Paralytic	0.006	Nil
Non-Paralytic	0.003	Nil
Acute Encephalitis - Infective	0.003	Nil
Post Infective	0.003	Nil
Dysentery	0.946	3.96
Food Poisoning	0.169	Nil
Puerperal Pyrexia	0.192	Nil
Tuberculosis - Respiratory	0.462	0.32
Meninges & C.N.S.	0.004	Nil
Other	0.058	0.02

(a) Per 1,000 Total Live & Still Births

(b) Per 1,000 Total Live Births

# INCIDENCE AND MORTALITY OF TUBERCULOSIS 1960.

AGE PERIODS	New Cases						Deaths			
	Pulmonary			Non-Pulmonary			Pulmonary		Non-Pulmonary	
	M	F		M	F		M	F	M	F
Under 1	-	-		-	-		-	-	-	-
1 - 4 years	-	-		-	-		-	-	-	-
5 - 9 "	-	-		-	-		-	-	-	-
10 - 14 "	-	1		-	-		-	-	-	-
15 - 19 "	1	-		-	-		-	-	-	-
20 - 24 "	-	2		-	-		-	-	-	-
25 - 34 "	1	1		-	-		-	-	-	-
35 - 44 "	2	-		-	-		-	-	-	-
45 - 54 "	1	-		-	-		-	-	-	-
55 - 64 "	4	-		-	-		-	-	-	-
65 and upwards	2	-		-	1		1	1	-	-
TOTALS	11	4	15	-	1		1	1	-	-

INCIDENCE AND MORTALITY OF TUBERCULOSIS, 1943 - 1960

	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960
Notified Cases:-																		
(a) Pulmonary	34	31	32	21	24	42	27	27	35	26	28	18	19	24	24	28	20	15
(b) Non-Pulmonary	13	14	9	9	6	12	6	14	14	4	3	5	1	3	3	3	2	1
Deaths:-																		
(a) Pulmonary	13	14	15	11	18	17	17	14	9	8	7	11	5	5	2	7	6	2
(b) Non-Pulmonary	5	4	4	5	1	3	1	-	5	2	1	-	-	-	-	-	-	-

SUMMARY OF THE INCIDENCE OF THE PRINCIPLE NOTIFIABLE DISEASES  
OTHER THAN TUBERCULOSIS 1930 - 1960.

(No. of Deaths in Brackets)

	1930-34	1935-39	1940-44	1945-49	1950-54	1955	1956	1957	1958	1959	1960
Scarlet Fever	263 (2)	580 (4)	447	978 (1)	480	33	37	20	9	38	17
Diphtheria	196 (16)	856 (55)	367 (25)	44	-	-	-	-	-	--	-
Measles	-	3 (20)	2577 (8)	1884 (5)	1928 (1)	418	142	710 (1)	17	90	1311
Whooping Cough	-	60 (3)	461 (5)	438 (1)	510 (1)	21	108	23	26	31	16
Pneumonia	435 (173)	444 (196)	388 (140)	249 (101)	152 (108)	9 (17)	3 (21)	7 (28)	5 (9)	3 (14)	1 (15)
Puerperal Pyrexia	19	58	79	43	4	-	-	-	-	-	-
Meningococcal Infection	-	-	-	-	4 (2)	3	1	-	2 (1)	-	-
Dysentery	1	1 (3)	16	6	42	31	6	1	23	113	187
Erysipelas	94	103	96	63	33	5	1	1	2	4	1
Acute Poliomyelitis	1	3	7 (1)	12 (1)	10	1	1	2	1	8	-
Food Poisoning	-	-	-	4	-	4	-	-	21	-	-
Paratyphoid Fever	-	-	-	-	7	-	-	1	-	2	-
Totals	1009	2108	4438	3721	3170	525	299	765	106	289	1533

I N C I D E N C E   O F   N O T I F I A B L E   D I S E A S E S   ( o t h e r   t h a n   T u b e r c u l o s i s )   1 9 5 2 .

DISEASE	A G E   P E R I O D S																												
	Under 1		1-		2-		3-		4-		5-		10-		15-		20-		35-		45-		65-		Age Unknown		Total		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
Scarlet Fever	-	-	1	-	1	3	2	-	3	1	2	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	8
Whooping Cough	-	2	-	1	3	3	-	1	1	1	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	8
Measles	25	15	68	60	73	71	77	87	124	122	293	283	7	6	-	-	-	-	-	-	-	-	-	-	-	-	-	667	644
Dysentery	3	4	5	5	10	7	8	7	10	6	21	24	14	7	3	3	6	8	3	6	-	2	5	14	4	2	92	95	
Pneumonia	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
Erysipelas	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	
TOTALS	29	21	74	66	87	84	87	95	138	130	319	311	22	13	3	3	6	8	3	6	-	3	5	14	4	2	777	756	

SECTION B.

GENERAL PROVISIONS

OF THE

HEALTH SERVICES

IN THE

BOROUGH

GENERAL PROVISIONS OF THE HEALTH SERVICES  
IN THE BOROUGH.

AMBULANCE SERVICE

Leigh Ambulance Station. Tel: Leigh 73111

CARE OF CHILDREN - CHILDREN ACT, 1948.

Children's Committee, Lancashire County Council, Area No. 11

Area Children's Office,  
89 - 91 Railway Road,  
Leigh. Tel: Leigh 72206

CLINICS.

1. ANTE-NATAL:

Boundary Street Clinic	(Monday: 2.0 - 4.0 p.m.
	(Wednesday: 10.0 a.m. - 12 noon.
Stonehouse Clinic	(Thursday: 1.30 - 3.30 p.m.

2. RELAXATION CLASS:

Stonehouse Clinic	Friday: 2.0 - 4.0 p.m.
-------------------	------------------------

3. IMMUNISATION:

- (i) At the four County Clinics in the Leigh area  
by arrangement as required.
- (ii) The general practitioner service.

4. POLIOMYELITIS VACCINATION:

Adults - Open Session at Stonehouse Clinic every first Friday  
in the month. 12 noon to 1.15 p.m.

Children of pre-school age - Each of the Child Welfare Clinics  
at 2.0 p.m.

5. MATERNITY AND CHILD WELFARE:

(I)	Stonehouse Clinic	Tuesday	2.0 - 4.0 p.m.
(II)	Boundary Street Clinic	Thursday	2.0 - 4.0 p.m.
(III)	Ingham Street Clinic	Wednesday	2.0 - 4.0 p.m.
(IV)	Nangreaves Street Clinic	Monday	2.0 - 4.0 p.m.

C L I N I C S (Continued)

5. DENTAL

Stonehouse Clinic, St. Helens Road, Leigh. By appointment.

6. OPHTHALMIC:

Stonehouse Clinic, St. Helens Road, Leigh. By appointment.

7. ORTHOPAEDIC:

Elliott Street Clinic, Tyldesley. By appointment.

8. ORTHOPTIC:

Stonehouse Clinic, St. Helens Road, Leigh. By appointment.

9. SPEECH THERAPY:

Stonehouse Clinic, St. Helens Road, Leigh. By appointment.

10. TUBERCULOSIS:

Chest Clinic, Leigh Infirmary, Leigh.

11. VENEREAL DISEASES:

(I) LEIGH INFIRMARY

Males and Females - Monday morning.

(II) CIVIC CENTRE, BOLTON

Males:-	Monday, Tuesday, Wednesday, Thursday and Friday	9.30 - 12.30 p.m.
	Monday, Wednesday and Friday	4.30 - 7.0 p.m.
	Saturday	9.30 - 11.30 a.m.
Females:-	Tuesday, Thursday and Saturday	9.30 - 11.30 a.m.
	Monday, Wednesday and Friday	4.30 - 7.0 p.m.

(III) ROYAL ALBERT EDWARD INFIRMARY, WIGAN

Males:-	Friday	2.0 - 4.0 p.m. 4.30 - 7.0 p.m.
Females:-	Wednesday	2.0 - 4.0 p.m. 4.30 - 7.0 p.m.

#### C O N V A L E S C E N C E .

Arrangements made by the Lancashire County Council through the Divisional Medical Officer.

#### C O N V A L E S C E N T    T R E A T M E N T .

Arrangements made by the Regional Hospital Board.

#### H E A L T H    V I S I T I N G    S E R V I C E .

Health Visitor/School Nurses are employed in the area by the Lancashire County Council.

#### H O M E    H E L P    S E R V I C E .

Provided by the Lancashire County Council through the Divisional Medical Officer.

#### H O M E    N U R S I N G    S E R V I C E .

District Nurses are provided in the area by the Lancashire County Council.

#### H O S P I T A L S .

- |                             |   |
|-----------------------------|---|
| 1.    GENERAL               | Leigh Infirmary<br>Astley Hospital, Astley<br>Atherleigh Hospital |
| 2.    INFECTIOUS    DISEASE | Whelley Hospital, Wigan<br>Hulton Lane, Bolton.                   |
| 3.    MATERNITY             | Billinge Hospital, Billinge, Nr. Wigan.                           |

#### L A B O R A T O R Y    F A C I L I T I E S .

Laboratories at Leigh, Wigan and Bolton Infirmaries and the Regional Laboratory of the Public Health Laboratory Service at Monsall, Manchester.

#### M A T E R N I T Y    H O M E S .

The Firs, Leigh.

#### M I D W I F E R Y    S E R V I C E .

Domiciliary midwives employed in the area by the Lancashire County Council.

M O R A L   W E L F A R E   W O R K .

Local Workers:-            Council for Moral Welfare,  
                              186 Chapel Street,  
                              Leigh.  
                              Tel: Leigh 71061.

N U R S I N G   H O M E S .

None in the district.

U N M A R R I E D   M O T H E R S   A N D   I L L E G I T I M A T E   C H I L D R E N .

Provision for their care is made by the Lancashire County Council in conjunction with voluntary organisation.

W E L F A R E   S E R V I C E S .

Arrangements made by the Lancashire County Council through the Divisional Medical Officer.

Residential accommodation at Atherleigh Grange and Hourigan House, Leigh.

X - R A Y   F A C I L I T I E S .

At Leigh, Bolton and Wigan Infirmarys. Facilities for special chest cases at Chest Clinic, Leigh Infirmary.



SECTION C.

PREVENTION OF AND CONTROL

OVER INFECTIOUS AND

OTHER DISEASES

P R E V E N T I O N   O F   A N D   C O N T R O L   O V E R   I N F E C T I O U S  
A N D   O T H E R   D I S E A S E S .

D I P H T H E R I A

No cases were notified. The need to continue the immunisation campaign against the disease remains the most necessary pre-requisite for continued freedom.

D Y S E N T E R Y

187 notifications were received during the year. 1,821 faecal specimens were submitted for examination, 628 of which were confirmed as infected.

E N C E P H A L I T I S

Again no cases were notified.

E R Y S I P E L A S

One case was notified.

F O O D   P O I S O N I N G

Again no cases were notified.

M E A S L E S

The normal periodicity of this infection materialised and 1,311 cases were notified. All proved to be fairly mild and complications were minimal.

M E N I N G O C O C C A L   I N F E C T I O N

No cases were notified.

PARATYPHOID FEVER

No cases were notified.

PNEUMONIA

Only 1 case was notified.

POLIOMYELITIS

No cases were notified.

PUERPERAL PYREXIA

No cases were notified.

SCARLET FEVER

17 cases were notified.

SMALLPOX (VARIOLA)

No cases were notified.

TUBERCULOSIS

During the year 15 cases of pulmonary and 1 of non-pulmonary infection being notified compared with 20 and 2 respectively in the previous year.

TYPHOID FEVER

No cases were notified.

WHOOPING COUGH

There were 16 notifications during the year.



SECTION D.

REPORT BY THE

CHIEF PUBLIC HEALTH INSPECTOR

OF THE

SANITARY CIRCUMSTANCES

OF THE AREA.



Part 1	General Sanitary Administration	Page	31
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Part 3	Factories	Page	37
Part 4	Smoke Abatement and Atmospheric Pollution	Page	39
Part 5	Housing	Page	48
Part 6	Inspection and Supervision of Food	Page	55
Part 7	Rodent Control	Page	68

## COMPLAINTS AND ENQUIRIES.

652 complaints and 699 enquiries were received in the office. These are classified in the following tables:-

### COMPLAINTS

Defective Drains	47
" Closets	40
" Window Frames	8
" Doors	4
" Eavesgutters	23
" House Roofs	14
" Brickwork	7
" Floors	12
" Sinks	1
" Wall and Ceiling Plaster	14
" Fireplaces	9
" Chimneys	10
Dampness due to various causes	27
Insufficient and inadequate water supply	11
Water lodging	7
Overcrowding	8
Verminous Houses	26
Dirty Houses	7
Rain penetration	29
Rats and Mice	290
Miscellaneous	58
TOTAL	<u>652</u>

### ENQUIRIES

	<u>1958</u>	<u>1959</u>	<u>1960</u>
Certification of Vaccination Certificates	83	85	70
Enquiries regarding complaints previously made	181	89	87
" " slum clearance	361	398	294
" " Rent Act	199	68	13
" " Food Hygiene Regulations	52	18	5
" " Overcrowding	19	14	2
" " Licences	-	20	11
" " Dustbins	18	13	6
" " Clean Air Act	-	-	15
Miscellaneous	286	405	196
	<u>1199</u>	<u>1110</u>	<u>699</u>

SUMMARY OF VISITS BY THE PUBLIC HEALTH INSPECTORS.

	Inspection	Re-inspection	Total	Defaults found	Defaults remedied
<b>DWELLINGHOUSES:-</b>					
Public Health Act	439	1227	1666	674	516
Housing Acts	219	135	354	2	-
Overcrowding	5	4	9	-	-
Houses let in lodgings	1	1	2	-	-
Houses - Verminous	32	24	56	5	6
" - Non-Verminous	7	51	58	-	1
<b>GENERAL SANITATION:-</b>					
Tents, Vans & Sheds	49	140	189	3	-
Canal Boats	1	-	1	-	-
Places of Entertainment	1	-	1	-	-
Streets, Passages, Footpaths	4	2	6	-	2
Marine Store Dealers	3	-	3	-	-
Infectious Disease	180	32	212	-	-
Schools	26	-	26	-	-
Stables and Piggeries	6	2	8	-	-
Keeping of Fowls	1	-	1	-	-
Prevention of Damage by Pests Act	42	13	55	2	2
Public Conveniences	7	1	8	23	5
Farms	4	-	4	-	-
Tips	8	3	11	5	3
Drain Testing	35	12	47	4	-
Watercourses	4	3	7	-	-
Smoke Observations	36	-	36	6	-
Pet Animals Act	7	4	11	-	-
Waste Food Order	6	2	8	-	-
Rag Flock Act	-	-	-	-	-
Miscellaneous	251	46	297	4	3
Improvement Grants	260	246	506	-	-
<b>SHOPS ACT:-</b>	147	45	192	-	-
<b>FACTORIES ACT:-</b>					
Mechanical Power	89	-	89	-	-
Non-Mechanical Power	12	-	12	-	-
Outworkers	10	-	10	-	-
Workplaces	4	-	4	-	-
<b>FOOD PREMISES:-</b>					
Markets	64	2	66	1	-
Bakehouses	72	20	92	46	39
Canteens	61	7	68	22	5
Cafes & Restaurants	25	2	27	7	2
Dairies & Milkshops	3	-	3	-	-
Grocers Shops	140	72	212	22	37
Greengrocers	18	9	27	9	15
Fish Friers	26	6	32	11	9
Wet Fish Shops	13	4	17	1	-
Confectionery Shops	75	19	94	5	7
Food Warehouses	10	2	12	-	-
Licensed Premises	5	-	5	6	-
Butchers Shops	47	5	52	4	2
Hawkers	6	3	9	3	-
Slaughterhouses	681	-	681	-	-
Ice Cream Manufacturers	14	1	15	-	-
" " Shops & Vehicles	16	-	16	-	-
<b>TOTALS</b>	<b>3172</b>	<b>2145</b>	<b>5317</b>	<b>865</b>	<b>654</b>

INFECTIOUS DISEASES - INVESTIGATION  
AND DISINFECTION.

180 visits of investigation and 32 re-visits were paid to premises where infectious diseases had occurred. In addition 4 visits were made by the Disinfecting Staff for the purpose of carrying out disinfection on account of the occurrence of notifiable diseases. 101 Library Books were disinfected.

Sales of Disinfectant by the Department realised £220.5s.4d. as against £242.19s.6d. last year.

DISINFESTATION.

56 visits were made by the Public Health Inspectors in the course of investigation of verminous premises.

A total of 141 premises were treated by the Disinfestation Staff as follows:-

Houses	110
Food Premises	4
Offices and Workshops	6
Other Premises	21

The Department provides a complete disinfestation service. This service is being increasingly used, particularly by the Food trade, and is available to the public both for treatment and advice on any infestation problem. For this class of work £87.19s.1d. was recharged during the year.

TESTING OF DRAINAGE SYSTEMS

47 visits were paid for the purpose of testing and inspecting existing drainage systems.

Testing of new drainage is carried out by the Borough Surveyor's Department.

CLOSET ACCOMMODATION

Number of fresh water closets	17,729
Number of waste water closets	217 (approx.)
Number of pail closets	24
Privy middens	3

The pail closets and privy middens are situated in the semi-rural area of the Borough where it is impracticable to provide water closets.

SEWERAGE DISPOSAL

The disposal is effected at the works of the Leigh and Atherton Joint Sewerage Board, Mather Lane, Leigh. The method of disposal is by percolating filters and humus tanks, with additional chemical treatment by chlorine gas.

HOUSES LET IN LODGINGS

There is one house on the register.

#### CANAL BOATS

There were no new registrations of Canal Boats during the year. One boat was inspected. No infringements were found.

#### PIGGERIES

The number of piggeries in the Borough is estimated to be 101. Eight visits were made during the year.

#### OFFENSIVE TRADES

There are no Offensive Trades operating in the Borough.

#### COMMON LODGING HOUSES

There are no common lodging houses within the Borough.

#### MARINE STORE DEALERS

There are six premises registered as Old Metal and Marine Store Dealers in the Borough. In all cases of new registration the Police are informed.

#### PET ANIMALS ACT, 1951

Seven licences to keep Pet Shops have been issued during the year, 11 visits for the purpose of inspection having been made. Not all licence holders are actually selling animals.

#### PUBLIC BATHS

The Public Baths consists of 2 plunges, 12 slipper baths and 1 foam bath. Facilities are available for Turkish Baths.

Eighty samples of swimming bath water were submitted to the Public Health Laboratory for examination. All were reported upon satisfactorily.

#### TENTS, VANS AND SHEDS

There are no licensed caravan sites in the Borough, although 189 visits were paid to itinerant caravans which were parked for varying periods before moving.

No applications were received for licensing of sites.

#### RAG FLOCK AND OTHER FILLING MATERIALS ACT, 1951

One factory is registered for the use of Rag Flock.

No samples were submitted in the year.

#### MORTUARY

The Public Mortuary is controlled and staffed by the Department.

During the year 122 bodies were received, of these 45 were from adjoining districts.

Reason for Admission	1957	1958	1959	1960
Accidents	18	11	6	3
Suicide	3	5	4	6
Natural Causes	73	55	59	66
Homicide	-	1	-	-
Open Verdict	-	4	-	2
Out of District	-	30	65	45

#### REFUSE COLLECTION

This service is under the control of the Director of Public Cleansing, who has supplied the following information:-

Number of movable ashbins	18,260
Number of ashbins emptied	894,740
Refuse dealt with at Destructor	42 tons
Refuse delivered to tip	33,498 tons

#### PLACES OF PUBLIC ENTERTAINMENT

There are four cinemas, to which regular visits are made for the purpose of inspection of sanitary accommodation, ventilation and cleanliness.

#### SHOPS ACT, 1950

A total of 192 visits for all purposes were made during the year.

## W A T E R   S U P P L Y

The supply is taken in bulk from the Rivington reservoirs of the Liverpool Corporation and the Thirlmere aqueduct of the Manchester Corporation.

Weekly sampling of the Town's Mains Water is undertaken for bacteriological examination. In all a total of 300 samples were examined, 40 by this department and 260 by the Liverpool Corporation.

One sample was submitted for chemical analysis, with the following results:-

	<u>Parts per million</u>
Colour	Normal
Oxygen absorbed from permanganate in 15 mins.	0.20
Oxygen absorbed from permanganate in 3 hrs.	0.44
Ammonia	0.005
Albuminoid Ammonia	0.02
Nitrogen as Nitrates	0.58
Nitrogen as Nitrites	Faint Trace
Combined Chlorine	13
Lead-grains per gallon	Nil
Zinc	Nil
Copper	Nil
Total Iron	0.10
ph. value	7.2
Total solids in solution	104
Free Chlorine	0.05

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Number of houses with direct supply from the main	14,959
Number of houses supplied by standpipe	1
Number of houses with private supply	7
(These are premises beyond the point of supply by mains)	

FACTORIES ACT, 1937

Number of Factories on the Register at the end of the year - 172

CLASSIFICATION

Cotton and Rayon Textile Manufacturers	20
Reed Makers	1
Tailors and Garment Makers	10
Brick Makers	3
Builders, Builders' Merchants and Stonemasons	11
Joiners and Cabinet Makers	14
Earthenware Manufacturers	1
Bakehouses	22
Maltsters	1
Bottlers of Ales, etc	2
Mineral Water Manufacturers	2
Slaughterhouses	2
Toffee Works	1
Shoeing Forge	1
Coach Builders	3
Engineers and Iron Founders	11
Motor Vehicle Repairers	16
Scrap Metal Dealers	3
Sheet Metal Workers and Welders	5
Boot and Shoe Repairers	13
Brush, Skip and Hamper Makers	2
Cable Makers	1
Electricity Station	1
Coffin Makers	2
Launderers and Dry Cleaners	4
Paint Manufacturers	1
Printers	7
Rope Works	1
Radio and T.V. Repairers	3
Wire Works	1
Others	7
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TOTAL	172
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The following table gives particulars of the inspections during the year under Part I of the Factories Act, 1937, and an analysis of the defects which were found, with particulars of the action taken.

FACTORIES - CASES IN WHICH DEFECTS WERE FOUND

Particulars	Number of Defects				
	Found	Remedied	Referred to H.M. Inspector	Referred by H.M. Inspector	No. of offences in respect of which Prosecutions were instituted.
Nuisances under the Public Health Acts:-					
Want of cleanliness	8	1	-	-	-
Overcrowding	-	-	-	-	-
Unreasonable temperature	-	-	-	-	-
Inadequate ventilation	-	-	-	-	-
Ineffective drainage of floors	1	-	-	-	-
Sanitary Conveniences:-					
(a) Insufficient	3	3	-	-	-
(b) Unsuitable or defective	31	5	-	-	-
(c) Not separate for sexes	-	-	-	-	-
Other offences against the Act (not including offences relating to outwork)	-	-	-	-	-
TOTALS	43	9	-	-	-

FACTORIES - INSPECTIONS FOR PURPOSES OF PROVISIONS AS TO HEALTH.

Premises	No. on Register	No. of inspections	No. of Written Notices	No. of Occupiers prosecuted
Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authority	11	12	8	-
Factories not included in (1) in which Section 7 is enforced by Local Authority	156	89	24	-
Other premises in which Section 7 is enforced by Local Authority (excluding outworkers premises)	5	4	-	-
TOTALS	172	105	32	-

SMOKE CONTROL AREAS

Until the latter part of this year no progress was made towards the establishment of Smoke Control Areas in the Borough, although the Council has approved 1971 as the target year for the completion of its programme in this respect.

An unqualified assistant was appointed late in the year and as a consequence the survey of the No. 1 Smoke Control Area was commenced. This area covers about 154 acres and is virtually the whole of the town centre, which carries a comparatively high rate of pollution and comprises the following area:-

The boundary of this is enclosed on the North by the south side of Walmesley Road, Church Passage and Church Street, on the East by the west side of Brown Street North from its junction with Church Street to its junction with East Bond Street, the south side of East Bond Street, and the railway line running between East Bond Street and Queen Street, on the South by the north side of Queen Street from the railway line to its junction with Brown Street North, the north side of Bradshawgate and the north side of Railway Road, on the West by the railway line between Railway Road and Walmesley Road.

Visits made by the staff for the purpose of survey in the proposed area have been received cordially by the public. This may be due to the fact that a few days prior to the intended date of inspection each household receives a letter explaining the reasons for the visit and seeking their co-operation. It is anticipated that all the necessary information will have been secured and proposals for the No. 1 Smoke Control Area submitted to the Minister of Housing and Local Government in the Spring of 1961.

An exhibition stand of a semi-permanent character, designed by our own staff, was established in the Town Hall Foyer. For this exhibition a volumetric Smoke Recording Apparatus was shown as a working model and some original poster designs (also prepared by your staff) were displayed. This exhibit attracted considerable attention by members of the public who use the Town Hall.

A T M O S P H E R I C   P O L L U T I O N.

Few observations have been made this year on factory chimneys. Of the 36 made, only 15 were in excess of the statutory permitted period and after consultation with the management in each case improvement resulted.

This is the second full year in which the Dark Smoke (Permitted Periods) Regulations have been in operation. Offences under these Regulations are classified as:-

1. Emission of dark smoke from any chimney longer than 10 minutes in the aggregate in any period of 8 hours, or, if soot blowing is carried out during the period, 14 minutes. These periods are extended where a chimney serves more than one furnace by:-

18	-	25	minutes	in	the	case	of	2	furnaces
24	-	34	"	"	"	"	"	3	"
29	-	41	"	"	"	"	"	4	" or more.

(The two furnace tubes of a Lancashire boiler would be classified as a single furnace).

2. The continuous emission of dark smoke, caused otherwise than by soot blowing, for a period exceeding 4 minutes.
3. The emission of black smoke for more than 2 minutes in the aggregate in any period of 30 minutes.

The number of factory and works chimneys situated within the Borough is 41.

The following table gives details of the work done in this connection during the year:-

Number of chimneys observed (half-hour observations)	36
Number of observations showing emission of black smoke in excess of Byelaw limits	15
Number of intimation notices served	15
Number of abatement notices served	-

This Authority is a member of both the North Western Division of the National Society for Clean Air and the Manchester and District Regional Smoke Abatement Committee.

#### COLLIERY SPOILBANKS.

The Bedford Colliery Spoilbank, which in earlier years has been the cause of many complaints from fumes, has during this year been comparatively inactive. The National Coal Board has continued to carry out remedial work as occasion has arisen.

#### VOLUMETRIC APPARATUS

The measurement of pollution has continued during the year by the use of a volumetric apparatus, the deposit gauge and the exposure of a measured amount of lead peroxide. The results are submitted to the Department of Scientific and Industrial Research, where they are co-ordinated into the National Survey of Atmospheric Pollution.

The tables on the following pages give the comparative results of the investigation and reveal a continuing improvement, small perhaps, but of significance.

The recording, which commenced in April 1958, is achieved by drawing about 70 cubic feet of air every 24 hours through a 2" circle of filter paper, the suspended matter being deposited on the paper as a dark stain, this varying of course with the amount of smoke present in the air. The stain is measured by means of a photo-electric apparatus and results expressed in milligrammes per 100 cubic metres. At the same time an estimation of the amount of sulphur is made and expressed as the average sulphur dioxide concentration in parts per 100 million.

VOLUMETRIC APPARATUS (continued)

The results are given in the following table in the form of highest, lowest and average of the daily readings in each month for the year 1960 and the corresponding figures for 1959.

Month	Smoke in milligrammes per 100 cubic metres						S O 2 in parts per 100 million					
	Average		High		Low		Average		High		Low	
	1959	1960	1959	1960	1959	1960	1959	1960	1959	1960	1959	1960
January	55.9	45.8	165.1	120.0	24.7	14.0	27.9	14.3	83.5	29.4	7.9	6.5
February	39.2	39.0	137.9	86.0	14.9	12.0	16.0	13.8	72.2	34.3	5.7	7.0
March	31.5	25.1	66.9	38.0	17.3	11.0	11.5	10.9	27.5	20.3	2.9	6.8
April	25.3	22.6	53.7	46.0	13.1	9.0	8.9	8.7	22.6	16.2	2.1	3.8
May	17.8	17.7	38.0	33.0	7.4	5.0	7.6	7.2	12.2	11.8	4.0	2.3
June	9.0	7.7	19.0	17.0	4.1	3.0	5.1	4.3	10.3	12.2	3.2	1.4
July	6.9	9.0	15.6	18.0	2.4	3.0	3.9	3.1	7.2	7.2	2.3	2.2
August	8.3	14.0	14.0	22.0	2.5	7.0	4.1	4.4	8.1	9.0	2.2	2.7
September	22.8	22.0	56.1	56.0	8.8	12.0	7.4	6.4	17.1	12.6	2.4	2.2
October	24.4	35.0	56.0	79.0	9.0	11.0	8.8	10.6	15.8	19.0	2.7	3.6
November	39.7	39.0	106.0	105.0	18.0	14.0	12.1	11.6	24.4	33.7	6.1	5.9
December	33.3	57.0	99.0	129.0	16.0	13.0	12.7	16.6	30.7	44.5	6.8	4.2

S O L I D     M A T T E R     D E P O S I T E D

Tons of solid matter per square mile

L E I G H     B O Y S '     G R A M M A R     S C H O O L

Month	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960
January	20.91	21.25	14.92	18.41	12.22	25.94	- *	- *	15.98	14.51
February	17.90	11.63	16.74	37.84	11.12	6.29	12.53	- *	8.11	13.45
March	25.39	16.33	22.07	14.40	10.51	15.60	14.23	- *	12.79	15.40
April	21.35	17.08	17.79	9.03	13.07	17.32	11.80	12.93	12.22	10.53
May	16.53	16.67	10.34	20.32	10.74	13.68	19.82	13.24	11.26	18.55
June	16.94	12.14	8.35	13.76	14.17	21.08	18.79	14.34	17.34	10.89
July	17.04	9.95	19.23	14.55	8.94	19.15	19.20	13.34	10.99	12.32
August	8.82	5.64	7.73	19.72	10.30	19.71	19.92	11.57	4.96	12.32
September	11.74	38.61	15.98	18.56	14.03	17.58	19.74	12.60	14.54	9.17
October	11.67	17.65	9.96	13.75	16.84	15.29	- *	10.85	15.27	12.96
November	-	20.05	13.84	24.02	10.16	21.55	- *	11.93	12.45	20.96
December	28.47	37.08	11.94	22.27	22.78	13.59	- *	14.74	14.40	14.07
TOTAL	196.76	244.03	168.89	226.63	154.88	206.78	136.03	115.54	151.51	165.13
Average per month	17.88	20.34	14.07	18.88	12.90	17.23	17.00	12.84	12.62	13.76

\* Due to repeated interference with the apparatus at this site the results have been unreliable, consequently recordings were discontinued until a more favourable one was found.

S O L I D     M A T T E R     D E P O S I T E D

Tons of solid matter per square mile

T O W N     H A L L

Month	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960
January	31.66	37.55	29.37	-	15.84	35.32	27.64	27.21	26.68	21.00
February	33.36	19.67	26.03	-	8.50	21.18	28.61	18.44	-	16.90
March	43.59	36.28	40.32	36.85	15.57	45.35	30.92	28.42	-	17.02
April	33.71	27.47	35.41	18.34	93.61	32.57	33.50	25.31	33.32	20.45
May	29.17	35.65	21.51	29.61	32.70	23.93	-	75.84	21.65	22.01
June	-	30.05	26.80	18.64	34.14	21.98	23.40	20.28	24.16	14.90
July	-	20.95	30.28	20.48	15.40	31.00	24.01	16.50	15.36	17.14
August	36.33	18.62	25.78	25.15	22.41	39.33	32.24	13.08	12.34	15.94
September	24.49	38.17	30.92	28.80	-	37.18	22.13	21.24	17.84	13.34
October	30.07	35.42	22.49	20.24	31.51	20.22	28.82	19.01	24.12	18.68
November	41.27	-	28.51	32.57	19.27	24.48	14.80	13.74	23.86	26.37
December	34.60	-	25.81	27.52	39.26	22.48	42.18	28.12	20.27	19.95
TOTAL	338.25	299.83	343.23	258.20	328.21	355.02	308.25	307.19	219.60	223.70
Average per month	33.82	29.98	28.60	25.82	29.83	29.58	28.02	25.60	21.96	18.64

S O L I D     M A T T E R     D E P O S I T E D

Tons of solid matter per square mile

F I R S     M A T E R N I T Y     H O M E

Month	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960
January	54.07	-	15.54	14.16	17.65	14.48	14.21	-	19.85	21.73
February	23.04	13.79	20.09	33.93	9.49	4.20	13.69	15.31	6.50	12.34
March	24.14	18.82	19.26	..	16.40	5.40	13.92	18.23	11.93	13.90
April	21.97	15.85	18.54	19.53	18.92	53.74	15.30	13.76	10.22	27.94
May	18.71	18.98	17.33	16.69	13.89	15.40	14.89	18.09	9.70	25.10
June	13.61	16.79	10.21	13.41	17.47	11.52	17.37	16.86	21.48	9.60
July	26.90	17.05	22.36	12.52	10.00	19.88	14.86	15.17	11.72	18.09
August	-	16.86	22.51	18.34	11.18	22.29	21.07	11.51	5.53	11.86
September	15.20	23.33	16.27	17.34	14.86	18.05	19.74	17.47	11.07	12.73
October	17.20	23.52	15.95	13.62	16.89	13.72	16.92	9.18	19.85	12.58
November	25.15	17.26	15.89	22.34	8.70	15.24	9.39	12.52	15.85	15.09
December	26.54	-	14.96	23.66	26.76	15.06	16.89	15.95	16.67	16.37
TOTAL	266.53	182.25	208.91	205.54	182.21	208.98	188.25	164.05	160.37	197.33
Average per month	24.23	18.22	17.41	18.68	15.18	17.41	15.68	14.91	13.36	16.44

S U L P H U R   D E T E R M I N E D   B Y   T H E   L E A D   P E R O X I D E   M E T H O D

Milligrammes per 100 square centimetres per day

L E I G H   B O Y S '   G R A M M A R   S C H O O L

Month	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960
January	2.35	2.67	2.92	3.74	3.15	3.09	- *	- *	5.47	3.65
February	2.32	2.66	1.86	3.31	3.47	2.81	2.30	- *	2.70	3.17
March	2.75	1.94	2.72	2.73	3.24	2.64	- *	- *	2.08	2.63
April	1.81	1.63	2.02	2.18	2.11	2.06	1.79	2.37	1.84	1.83
May	2.15	1.36	1.41	1.73	1.67	1.38	1.60	1.70	1.86	1.72
June	1.18	1.14	1.48	1.30	1.44	1.27	1.20	1.70	1.37	1.23
July	0.96	1.03	1.23	1.48	1.06	1.17	0.87	0.83	0.95	0.94
August	0.94	1.00	1.18	1.45	1.34	1.13	0.84	0.92	1.30	1.23
September	1.14	1.56	1.49	1.31	1.51	1.49	1.19	1.51	1.94	1.48
October	2.18	2.03	2.10	1.99	1.94	2.29	- *	1.78	2.22	2.59
November	2.27	2.99	2.88	2.44	3.01	2.74	- *	3.00	2.24	2.16
December	2.04	2.81	3.56	2.58	2.51	1.99	- *	3.46	2.24	3.29
TOTAL	22.09	22.82	24.85	26.24	26.45	24.06	9.79	17.27	26.21	25.92
Average per month	1.84	1.90	2.07	2.18	2.20	2.00	1.39	1.92	2.18	2.16

\* Due to repeated interference with the apparatus at this site the results have been unreliable, consequently recordings were discontinued until a more favourable one was found.

S U L P H U R   D E T E R M I N E D   B Y   T H E   L E A D   P E R O X I D E   M E T H O D

Milligrammes per 100 square centimetres per day

T O W N   H A L L

Month	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960
January	3.47	-	3.51	4.47	4.59	3.90	3.07	3.28	5.34	4.01
February	2.95	3.14	2.39	4.40	4.37	4.05	3.11	2.98	2.87	3.49
March	3.46	2.59	3.19	3.72	4.19	3.36	2.77	3.17	1.83	2.99
April	2.13	2.10	2.24	3.08	2.96	2.80	2.14	2.53	1.78	2.11
May	2.05	1.75	1.68	1.95	2.18	1.69	1.76	1.76	1.35	1.78
June	1.42	1.19	1.52	1.70	1.99	1.50	1.29	1.54	1.21	1.27
July	1.13	1.17	1.20	1.57	1.43	1.07	1.27	1.19	0.92	0.96
August	1.36	1.29	1.42	1.71	1.43	1.62	1.46	1.14	1.16	1.24
September	1.66	1.41	1.72	1.86	1.87	1.66	1.92	1.46	1.66	1.66
October	3.25	2.44	2.92	2.66	2.52	2.73	2.57	1.97	2.12	2.58
November	2.97	3.26	2.03	3.87	4.03	3.21	3.34	3.47	2.61	2.58
December	3.02	3.39	3.41	3.21	3.22	2.87	3.02	3.65	2.73	3.42
TOTAL	28.87	23.73	27.23	34.20	34.78	30.46	27.72	28.14	25.58	28.09
Average per month	2.40	2.15	2.27	2.85	2.89	2.54	2.31	2.34	2.13	2.34

S U L P H U R   D E T E R M I N E D   B Y   T H E   L E A D   P E R O X I D E   M E T H O D

Milligrammes per 100 square centimetres per day

F I R S   M A T E R N I T Y   H O M E

Month	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960
January	2.69	2.36	2.55	4.28	3.82	2.87	2.02	2.73	4.72	2.80
February	2.41	1.92	1.90	3.67	3.64	3.17	2.80	2.31	2.80	2.44
March	2.73	2.14	2.47	3.37	2.81	3.35	2.63	3.18	2.31	3.29
April	1.52	1.67	2.12	2.39	2.11	2.57	1.57	2.16	1.36	1.45
May	1.59	1.34	1.31	1.42	1.75	1.21	1.40	1.31	1.46	1.56
June	1.10	0.93	1.15	1.88	1.88	0.87	1.04	1.31	0.93	0.87
July	0.75	0.83	0.90	0.86	1.09	0.75	0.82	0.83	0.66	0.63
August	1.00	1.06	0.86	1.12	1.22	1.13	1.08	1.14	0.79	0.81
September	1.18	1.14	1.36	1.15	1.05	1.42	1.59	1.38	1.39	1.43
October	2.65	1.99	2.58	1.64	1.74	1.77	1.93	1.22	1.94	2.72
November	2.44	2.64	2.22	2.65	2.81	2.02	3.06	2.74	1.96	2.24
December	2.12	2.63	2.77	2.33	3.65	2.74	3.01	3.10	-	2.82
TOTAL	22.18	20.65	22.19	26.76	27.57	23.87	22.95	23.41	20.32	23.06
Average per month	1.84	1.72	1.84	2.23	2.29	1.99	1.91	1.95	1.85	1.92

## HOUSING.

Activity in this field in line with the set programme of 85 houses per year has continued steadily, 87 houses having been dealt with during 1960. The year has been marked with increased difficulties due to not a few owner/occupied premises being interspersed amongst slum clearance properties. An increasing number of owner/occupied properties is being dealt with during the course of this work, with consequent repercussions on the costs, especially where the house has been purchased during the material period (1.9.39 - 12.12.55).

The first five years programme having been completed, this year the position was reviewed in accordance with circular 2/60 of the Ministry of Housing and Local Government, and further proposals in respect of the continuing problem were submitted as given below.

### FURTHER PROPOSALS.

- |    |  |     |
|----|--|-----|
| 1. | Number of houses demolished 1959 - 60  | 113 |
| 2. | Estimated number of houses remaining unfit for human habitation.                               | 425 |
| 3. | Period of years which Council think necessary for securing the demolition of all houses in (2) | 5   |
| 4. | Further proposals for action in the next five years.   |     |
|    | (a) Number of houses to be demolished in clearance areas.                                      | 400 |
|    | (b) Number of houses to be demolished elsewhere.   | 25  |

### Summary of the position at 31st December, 1960.

Year	Number of Houses dealt with			Persons displaced		
	As Clearance Areas	As Individual Houses	Total	From Clearance Areas	From Individual Houses	Total
Pre-Programme	11	35	46	31	104	135
1955	5	3	8	21	7	28
1956	44	7	51	156	27	183
1957	23	72	95	64	187	251
1958	100	72	172	283	194	477
1959	82	31	113	225	97	322
1960	73	14	87	171	53	224
TOTAL	338	234	572	951	669	1620

Houses dealt with since the inception of the current programme ..... 528

Number in advance of programme at 31st December, 1960 ..... 101

## HOUSING (continued)

Representations were made in respect of 8 Areas comprising 73 houses. One Clearance Order and 3 Compulsory Purchase Orders being made in respect of 4 of these Areas comprising 42 houses by the end of the year. A further 7 fit houses coloured grey were included in the Compulsory Purchase Orders. (Clearance Orders have since been made in respect of the remaining 4 Areas comprising 31 houses). Representation was also made in respect of one house owned by the Council in pursuance of Section 16 of the Housing Act, 1957 and Circular 39/56 of the Minister of Housing and Local Government.

A further 13 reports were made in pursuance of Section 16 making a total of 14 individual houses, details of which are given as follows:-

### DETAILS OF THE AREAS AND INDIVIDUAL HOUSES DEALT WITH:-

#### Areas and Individual Houses

Area	Houses comprised in Area	No. of Houses	Persons displaced
Westleigh Lane (No. 10) Compulsory Purchase Order	144, 146, 148 and 150 Westleigh Lane.	4	9
Mather Lane Compulsory Purchase Order	60, 62, 64, 66, 68, 70, 72, 74, 76, 78, 80 and 82 Mather Lane. 57, 59, 61, 63, 65, 67 and 69 Brunswick Street.	19	48
John Street (No. 2) Compulsory Purchase Order	15, 17, 19, 21, 23, 25, 27 and 29 John Street. 7a, 9, 11, 13, 15 Silk Street and 34 Lord Street.	14	28
Twist Lane (No. 5)	2 Welch Hill Street. 101, 103, 105, 107 Twist Lane.	5	14
Derby Street West (No. 1)	1, 3, 5 and 7 Derby Street West. 4 Lloyd Street.	5	14
Derby Street West (No. 2)	2, 4, 6 and 8 Derby Street West. 6 and 8 Lloyd Street.	6	16
Derby Street West (No. 3)	8a, 10, 12, 14 and 16 Derby Street West. 1, 3 and 5 Moscrop Street. 5, 7, 9 and 11 Lloyd Street.	12	26
Brown Street South	1 and 3 Whitehead Street. 28, 30, 32, 34, 36 and 38 Brown Street South.	8	16
TOTAL		73	171

DETAILS OF THE AREAS AND INDIVIDUAL HOUSES DEALT WITH:- (continued)

Individual Unfit Houses.

Address	No. of Houses	Persons displaced
374 Wigan Road	1	7
Part 376 Wigan Road	1	2
31a, 37a, Part 39a, 41a Leigh Road	4	12
1a Turner Street	1	4
Part 9 King Street	1	2
1 and 3 Hamblett Street	2	17
30a Ellesmere Street	1	1
33 Elizabeth Street	1	3
12 Nel Pen Lane	1	2
Chadwicks Farmhouse	1	3
TOTAL	14	53

MEASUREMENT FOR PERMITTED NUMBER - HOUSING ACT, 1957, SECTION 77.

42 Certificates of Permitted Numbers were issued respecting 53 Houses and 84 Flats.

PROVISION OF NEW HOUSES.

(a)	Total		243
(i)	By Local Authority	Houses	53
		Flats	88
(ii)	By other Local Authorities	Houses	14
(iii)	By other bodies or persons	Houses	88
(b)	With State assistance under the Housing Acts:-		
(i)	By Local Authority	Houses	53
		Flats	88
(ii)	By other bodies or persons		Nil

1. INSPECTION OF DWELLINGHOUSES DURING THE YEAR.

(1)	(a)	Total number of dwellinghouses inspected for housing defects under Public Health or Housing Acts.	.658
	(b)	Number of inspections made for the purpose	2,020
(2)	(a)	Number of dwellinghouses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925.	219
	(b)	Number of inspections made for the purpose	354
(3)		Number of dwellinghouses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	87
(4)		Number of dwellinghouses (exclusive of those referred to under the preceding sub-heading) found not to be in all respects reasonably fit for human habitation.	676

2. REMEDY OF DEFECTS WITHOUT SERVICE OF FORMAL NOTICES.

Number of defective dwellinghouses rendered fit in consequence of informal action by the Local Authority.	90
---	----

3. ACTION UNDER STATUTORY POWERS.

A. Proceedings under Sections 9, 10 and 16 of the Housing Act, 1957:-

(1)	Number of dwellinghouses in respect of which notices were served requiring repairs	N11
(2)	Number of dwellinghouses which were rendered fit after service of formal notice:-	
	(a) By owners	N11
	(b) By Local Authority in default of Owners	N11

B. Proceedings under Public Health Acts:-

(1)	Number of dwellinghouses in respect of which notices were served requiring defects to be remedied.	203
(2)	Number of dwellinghouses in which defects were remedied after service of formal notice:-	
	(a) By owners	76
	(b) By Local Authority in default of Owners	4

### 3. ACTION UNDER STATUTORY POWERS (Continued).

#### C. Proceedings under Sections 16 and 23 of the Housing Act, 1957:-

(1)	Number of dwellinghouses in respect of which Demolition Orders were made	2
(2)	Number of dwellinghouses demolished in pursuance of Demolition Orders.	N11
(3)	Number of dwellinghouses closed in pursuance of Closing Orders	9

#### D. Proceedings under Section 18 of the Housing Act, 1957:-

(1)	Number of separate tenements or underground rooms in respect of which Closing Orders were made.	N11
(2)	Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit.	N11

### 4. HOUSING ACT, 1957 - OVERCROWDING

Number of Cases of overcrowding investigated during the year	7
Number of Cases of overcrowding confirmed during the year	3
Number of families involved	11
Number of persons dwelling therein	42½
Number of families re-housed	6
Number of persons involved	15½

The Housing Committee allocate Corporation Houses on a points scheme.

At the end of the year there were 923 applicants on the Corporation housing list, of which 479 were living in lodgings.

### RENT ACT, 1957.

Number of applications for Certificates of Disrepair (Form I)	15
Number of Certificates of Disrepair authorised to be issued - in full	2
Number of Certificates of Disrepair authorised to be issued - in part	13
Number of applications for Certificates of Disrepair refused	-
Number of Undertakings from Landlords to remedy defects (Form K)	12
Number of Undertakings from Landlords accepted	12
Number of Undertakings from Landlords refused	-
Number of Certificates of Disrepair issued (Form L)	3
Number of applications for Cancellation of Certificates of Disrepair (Form M)	5
Number of Certificates of Disrepair cancelled	5
Number of Refusals to cancel Certificates of Disrepair	-
Number of Applications for Certificates that defects had been remedied (Form O)	1
Number of Certificates issued re remedying of defects (Form P)	1

IMPROVEMENT GRANTS - Housing Act 1949, Housing Repairs and Rents Act, 1954  
Rent Act 1957, and House Purchase and Housing Act, 1959.

Two types of grant are now available with the advent of the House Purchase and Housing Act, 1959, when the Standard Grant was introduced. The conditions applicable to these grants are as follows:-

- (a) Standard Grants are available towards the cost of improving a house which lacks certain standard amenities, such as a bath, w.c. or hot water system. They are specially intended to help the modernisation of houses which can be equipped with these amenities without the necessity for structural additions involving much new building work. These standard grants are a new form of improvement grant which can be claimed as of right: the grant cannot be refused, provided the conditions of payment are satisfied.
- (b) Discretionary Grants are payable for a wider range and more extensive forms of improvement, including the conversion or adaptation of larger houses and other buildings. But payment of these grants is at the discretion of the local council.

Particulars of applications received during the year are set out below:-

DISCRETIONARY GRANTS.

Number of applications received	46
Number of applications received from private owners	30
Number of applications received from landlords	16
Number approved for grant - private owners	30
Number not approved for grant - private owners	-
Number approved for grant - landlords	16
Number not approved for grant - landlords	-
Total amount of grants authorised	£7,133. 0s. 0d.
Total amount of grants paid	£5,538.10s. 0d.
Total amount of advances towards balance of cost of work	£ 682. 0s. 0d.

STANDARD GRANTS.

Number of applications received	126
Number of applications approved	118
Number of applications refused	8
Total amount of grants paid	£5,868. 0s. 0d.
Total amount of advances towards balance of cost of work	£1,671.10s. 0d.

TABLE OF DEFECTS DEALT WITH IN DWELLINGHOUSES.

The following table shows the number and types of defects found and remedied in dwelling-houses during the current year:-

<u>Nature</u>		<u>Found</u>	<u>Remedied</u>
Drains		90	90
Roofs		71	47
Eavesgutters		61	45
Rainwater pipes		9	10
Walls External	Defective Brickwork	10	15
" "	Dampness penetrating	13	8
Walls Internal	Damp wallplaster	78	48
" "	Defective wallplaster	51	31
" "	Defective ceiling plaster	51	24
Sinks and Slopstones		6	2
Sink Waste pipes		5	4
Floors		33	20
Window frames	Defective woodwork	33	26
" "	Sashes and inadequate ventilation	22	18
Doors		15	16
Fire Ranges	Smoke emission	4	6
" "	Defective	8	6
Insufficient Water Supply		16	19
Closets	Fresh Water	74	65
"	Waste Water	1	-
Yards and Passages		3	5
Other Defects		20	11
TOTAL		<u>674</u>	<u>516</u>

Repairs were carried out in default of owners, following service of Statutory Notices under the Public Health Act, 1936, at a total cost of £206.14s.4d.

Repairs to defective drains were carried out under signed orders from the owners of the property at a cost of £73.13s.5d., which was fully recovered.

PUBLIC HEALTH ACT, 1936 - STATUTORY NOTICES SERVED.

<u>Section of Act</u>	<u>No. of Notices</u>
39 Defective Sinks	5
39 Drainage (Sub-soil drains)	15
39 Gutters, Downspouts	40
45 Defective Water Closets	47
79 Removal of noxious matter	1
83 Unwholesome Premises	2
93 Conditions prejudicial to health	103
138 Insufficient Water	12
TOTAL	<u>225</u>

FOOD PREMISES

CLASSIFICATION OF PREMISES VISITED

	<u>No. of visits paid</u>
Markets	66
Bakehouses	92
Canteens and Restaurants	95
Dairies and Milkshops	3
Grocers Shops	212
Greengrocers	27
Fish Friers	32
Wet Fish Shops	17
Sweet Shops	94
Food Warehouses	12
Hotels and Public Houses	5
Butchers Shops	52
Butchers Mobile Shops	-
Slaughterhouses	681
Ice Cream Manufacturers	15
Ice Cream Shops	13
Ice Cream Mobile Shops	3
TOTAL	<u>1419</u>

INFRINGEMENTS OF FOOD HYGIENE REGULATIONS 1955 DEALT WITH.

	<u>Defects found</u>	<u>Defects remedied</u>
Reg. 6 Cleanliness of equipment	5	1
" 8 Risk of contamination	14	7
" 14 Defective closets, etc. Notices re washing	8	3
" 16 Wash-hand basins, water supply, soap, nail-brush, drying facilities not provided	48	56
" 17 First Aid equipment not provided	6	7
" 18 Accommodation for clothing, etc.	6	3
" 19 Facilities for washing food and equipment	9	8
" 21 Ventilation of Food Rooms	2	2
" 23 Cleanliness and repair of Food Rooms	35	26
" 24 Accumulation of refuse	<u>3</u>	<u>2</u>
TOTALS	<u>136</u>	<u>115</u>

BAKEHOUSES.

Number of Bakehouses on register	37
Number of inspections in the year	92
Number of defects found	46
Number of defects remedied	39

SLAUGHTERHOUSES

The number of licensed slaughterhouses in the Borough 2

Under Section 3 (1) of the Slaughterhouses Act, 1958 the Council was required to carry out a review of the existing and probable future requirements with regard to slaughterhouse facilities in the Borough. The following trade etc., organisations and local authorities were consulted during the course of the review:-

(i) Wholesale and Retail Sections of the Meat Trade.	Leigh and District Master Butchers' Association. Leigh Friendly Co-operative Society Limited. Yates, Greer & Co. Limited. Fatstock Marketing Corporation Ltd.,
(ii) Trade Union	Union of Shop, Distributive and Allied Workers.
(iii) National Farmers' Union	National Farmers' Union.
(iv) Livestock Auctioneers	John Trickett & Sons.
(v) Local Authorities	Urban District of Atherton. Urban District of Tyldesley. Urban District of Golborne.

The Council considered that the slaughtering requirements of the Borough were adequately met by the two existing slaughterhouses and it was not anticipated that the requirements in this respect would be likely to be different in the future. The Council recommended that the date for application of the Regulations to the Borough should be the 1st January, 1961.

The report was approved by the Minister and the works required to make each slaughterhouse comply with the Construction Regulations completed by the 31st December.

SLAUGHTER OF ANIMALS ACT, 1933.

There are 20 slaughtermen holding licences granted by this Authority.

On the following page the table reproduces particulars of the number of cattle examined, and of condemnations.

NUMBER OF CATTLE EXAMINED AND  
CONDEMNATIONS FOR TUBERCULOSIS AND OTHER CONDITIONS

	Cattle excluding Cows.	Cows	Calves	Sheep and Lambs	Pigs
Number killed	3,578	220	9	13,374	12,630
Number inspected	3,578	220	9	13,374	12,630
All diseases except Tuberculosis - whole carcasses condemned	1	4	-	2	5
Carcasses of which some part or organ was condemned	1,815	114	-	898	929
Percentage of the number inspected affected with disease or parasitic conditions other than Tuberculosis	50.75	53.63	-	6.72	7.39
<u>TUBERCULOSIS:</u>					
Whole carcasses condemned	2	-	-	-	-
Carcasses of which some part or organ was condemned	110	14	-	-	145
Percentage of the number inspected affected with Tuberculosis 1960	3.13	6.36	-	-	1.15

PERCENTAGE CONDEMNATIONS FOR TUBERCULOSIS

Year	Cattle excluding Cows.	Cows	Calves	Pigs
1960	3.13	6.39	-	1.15
1959	7.40	18.50	-	1.40
1958	6.16	17.55	-	1.88
1957	8.43	21.77	-	0.40
1956	6.86	23.49	-	1.66
1955	6.51	39.65	-	1.44
1954	10.26	29.19	-	1.98
1953	13.16	33.20	0.16	3.19
1952	14.62	48.62	0.27	3.33
1951	8.03	56.28	0.09	4.41
1950	6.70	42.80	0.40	4.20
1949	7.10	36.90	0.40	6.90
1948	6.90	36.36	0.44	5.32
1947	9.18	61.52	-	4.12
1946	9.96	57.61	-	6.92
1945	4.60	64.00	-	8.82
1944	7.65	57.96	-	10.00

## TUBERCULOSIS ORDER, 1938

No cattle were sent for slaughter by the Veterinary Inspectors under the Tuberculosis Order, 1938.

## CYSTICERCUS BOVIS.

All bovines are subjected to examinations for *Cysticercus Bovis* and during the year 37 cases were discovered. In each case particulars of the animal affected were forwarded to the Divisional Veterinary Inspector of the Ministry of Agriculture, Fisheries and Food.

The carcasses were subjected to refrigeration prior to release in accordance with the terms of the Ministry of Agriculture, Fisheries and Food circular.

## INSPECTION OF OTHER FOODS

The following table gives a list of foods examined by the Public Health Inspectors and rejected as unfit for human consumption. All were voluntarily surrendered.

Food	No. of Containers	Weight				
		Tons	Cwts.	Qrs.	lbs.	ozs.
Meat	2,271	2	11	3	24	14
Fruit	2,670	1	15	2	1	8
Vegetables	483	-	5	-	2	1
Milk	259	-	1	2	2	11½
Fish	446	-	4	2	3	14
Soups	41	-	-	1	17	13½
Sundries	111	-	-	3	20	-
Total	6,281	4	19	3	16	14

## FOOD AND DRUGS ACT, 1955

The Public Analyst for the Borough is Dr. G.H. Walker, Ph.D., F.R.I.C., County Offices, Preston.

150 samples of milk and other foods were submitted to the Public Analyst for examination. The classified table on the following page shows the results of the analysis of the samples.

There were no prosecutions under the Act, such infringements as were found being dealt with informally.

# ANALYSIS OF FOOD SAMPLES - 1960

Articles	Number examined				Number adulterated or otherwise giving rise to irregularity.
	Formal	Inf.	Priv.	Total	
Almonds, Ground	-	1	-	1	-
Bread	-	2	-	2	-
Butter	-	8	-	8	-
Cheese	-	5	-	5	-
Cider Vinegar	-	1	-	1	-
Cockles, Cooked	-	1	-	1	-
Cough Medicine	-	2	-	2	1
Fish, Potted	-	1	-	1	-
Fruit Canned	-	1	-	1	-
Fruit, Curd	-	1	-	1	1
Fruit, Dried	-	1	-	1	1
Flour Confectionery	-	2	-	2	-
Gin	-	3	-	3	-
Health Food	-	1	-	1	-
Herbal Medicine	-	1	-	1	-
Herbal Tablets	-	1	-	1	-
Honey	-	2	-	2	-
Ice Cream	-	6	-	6	-
Ice Lolly	-	2	-	2	-
Margarine	-	2	-	2	-
Meat, Canned	-	3	-	3	-
Meat, Cooked	-	1	-	1	-
Meat Paste	-	1	-	1	-
Meat, Potted	-	2	-	2	2
Milk	-	53	-	53	3
Milk, Channel Islands	-	3	-	3	-
Nuts	-	2	-	2	-
Pickles	-	2	-	2	-
Prawns	-	1	-	1	-
Rum	-	2	-	2	-
Salmon Mayonnaise	-	1	-	1	-
C/fwd.	-	115	-	115	8

# ANALYSIS OF FOOD SAMPLES - 1960

(Continued)

Articles	Number examined				Number adulterated or otherwise giving rise to irregularity.
	Formal	Inf.	Priv.	Total	
b/rwd.	-	115	-	115	8
Salt	-	1	-	1	-
Sausages, Pork	-	9	-	9	2
Sausages, Beef	-	1	-	1	-
Sausages, Frankfurter, Canned	-	1	-	1	-
Sauce	-	1	-	1	-
Shrimps, Potted	-	1	-	1	1
Soft Drinks, to be diluted	-	3	-	3	-
Soft Drinks, Mineral Waters	-	4	-	4	1
Stuffing, (Thyme & Parsley)	-	1	-	1	-
Sweets	-	2	-	2	1
Syrup	-	1	-	1	-
Table Whip, Sweetened, Canned	-	1	-	1	-
Tea	-	2	-	2	-
Tonic Wine	-	1	-	1	1
Turkey, Minced in Jelly, Bottled	-	1	-	1	-
Vegetables, Cooked	-	1	-	1	-
Wheat Germ Oil Capsules	-	1	-	1	-
Wheats, Cooked	-	1	-	1	1
Whey Cream	-	1	-	1	-
Whisky	-	1	-	1	-
TOTALS	-	150	-	150	15

A D U L T E R A T E D      S A M P L E S      1 9 6 0.

Number of Sample.	Description	Nature of adulteration or irregularity.	Observations
403	Glycerin, Lemon and Tincture Ipecac (Informal)	Contained colouring matter Bordeaux B. This colouring matter is no longer permitted in foods and its use to colour medicines is therefore inadvisable.	Packers communicated with.
404	Potted Shrimps with pure butter and spices (Informal)	Contained 18 per cent of total fat including only 7 per cent butter fat.	Packers agreed to amend label.
405	Cooked Whelks (Informal)	List of ingredients in wrong order and query word "fresh" on label.	Packers agreed to amend label.
408	Tonic Wine	Declaration of alcoholic strength not in form required by the Labelling of Food Order and claimed "tonic" properties without complying with article 8 (g) of the order.	Packers agreed to amend label.
417	Milk (Informal)	Deficient 6.6 per cent fat.	Vendor notified. Other sample taken at same time genuine.
431	Pork Sausages (Informal)	Contained 230 parts per million sulphite preservative (expressed as sulphur dioxide) without declaration.	Vendor interviewed.
271	Milk (Informal)	Deficient 8.3 per cent fat	Vendor notified.

A D U L T E R A T E D     S A M P L E S     1 9 6 0.

Number of Sample	Description	Nature of adulteration or irregularity.	Observations
279	Lemon Cheese (Informal)	Incomplete address of packers on container.	Packers communicated with.
281	Lemonade, Part Bottle (Informal)	Contained 1.3 parts per million Cresols (corresponding to 0.4 milligram in the drink submitted) probably derived from a contaminated bottle cap.	Manufacturers interviewed and cautioned.
310	Milk (Informal)	Deficient 6.6 per cent fat.	Vendor notified.
316	Butter Toffee (Informal)	Total fat content 15.8 per cent. Butter-fat content not more than 1.5 per cent. Should be labelled "Butter Flavoured Toffee".	Vendor interviewed.
320	Pork Sausages (Informal)	Contained 230 parts per million of sulphite preservative (expressed as sulphur dioxide) without declaration.	Vendor interviewed.
322	Meat, Potted (Informal)	Contained 49 per cent meat and 51 per cent excess water. Potted meat should contain meat and seasoning only and should not contain added water.	Vendor interviewed.
328	Potted Meat (Informal)	Contained 24 per cent excess water. Also contained a small piece of rind with bristles.	Vendor interviewed.
350	Dried Fruit (Informal)	Contained a small live grub (4 mms long) with a small amount of webbing.	Remainder of stock examined and found to be satisfactory.

# M I L K      S U P P L Y.

The Borough is a specified area where only Tuberculin Tested, Pasteurised and Sterilised Milk is permitted to be sold.

Number of Registered Distributors in the Borough                      154

Number of Registered Dairies in the Borough                              2

Year	Number of Samples	Fat	Solids-not-Fat	Total Solids	Percentage Adulteration.
1941	88	3.70	8.68	12.38	1.1
1942	78	3.60	8.67	12.27	5.1
1943	61	3.79	8.60	12.39	3.3
1944	50	3.70	8.53	12.23	4.0
1945	38	3.61	8.55	12.16	7.9
1946	34	3.57	8.55	12.12	5.9
1947	60	3.81	8.52	12.23	16.6
1948	83	3.70	8.60	12.30	9.6
1949	80	3.67	8.56	12.23	8.7
1950	87	3.69	8.62	12.31	6.9
1951	70	3.65	8.66	12.31	4.2
1952	62	3.86	8.65	12.51	3.2
1953	65	3.79	8.55	12.34	12.3
1954	71	3.84	8.63	12.47	1.4
1955	61	3.83	8.58	12.41	4.9
1956	60	3.80	8.53	12.33	5.0
1957	58	3.70	8.60	12.30	1.7
1958	58	3.72	8.60	12.32	3.4
1959	66	3.56	8.65	12.21	10.6
1960	53	3.60	8.66	12.26	5.7
Average		3.71	8.60	12.30	6.1

BACTERIOLOGICAL AND BIOLOGICAL EXAMINATION OF MILK SAMPLES.

Designation	Number taken	NATURE OF TEST							
		Methylene Blue		Turbidity Test		Phosphatase Test		Tubercle Bacilli	
		Satis- factory	Unsatis- factory	Satis- factory	Unsatis- factory	Satis- factory	Unsatis- factory	Positive	Negative
Tuberculin Tested	18	18	-	-	-	-	-	-	18
Pasteurised	19	19	-	-	-	19	-	-	-
T. T. Pasteurised	16	16	-	-	-	16	-	-	-
Sterilised	8	-	-	7 (1 void)	-	-	-	-	-
TOTALS	61	53	-	7	-	35	-	-	18

## ICE CREAM

In accordance with Section 16(1)(a) of the Food and Drugs Act, 1955, 9 premises were registered for the sale of Ice Cream during the year. 186 such premises now appear in the Register.

There are four manufacturers of Ice Cream licensed in the Borough.

Samples for bacteriological examination are submitted to the Regional Public Health Laboratory, Monsall Hospital, Manchester. Fourteen samples were submitted for examination and the following grades were achieved:-

Grade I:	6 samples
Grade II:	3 "
Grade III:	3 "
Grade IV:	2 "

The following table gives the result of the examination of Ice Cream samples submitted under the Food and Drugs Act:-

Year	Fats %	Total Solids %
1950	8.9	32.7
1951	9.8	35.5
1952	9.8	32.7
1953	9.4	34.1
1954	8.5	33.7
1955	7.0	33.6
1956	8.4	34.4
1957	7.4	35.6
1958	8.6	35.4
1959	8.7	36.4
1960	8.0	36.5
Average	8.6	34.6

## LANCASHIRE COUNTY COUNCIL (GENERAL POWERS) ACT, 1951.

### HAWKERS

Any person who shall by himself, or any person employed by him, sell or offer or expose for sale, any meat or meat food product, or fish, fruit or vegetables from any cart, barrow or other vehicle or from any basket, pail, tray or other receptacle, must be registered.

The number of persons on the register at the end of the year was 87.

### PREMISES

All premises used or proposed to be used for storage of meat, meat food products, or fish, fruit or vegetables must be registered. The number of premises registered at the end of the year was 61.

## FOOD AND DRUGS ACT, 1955 (Section 16)

### PRESERVED FOODS, ETC.

Under the above Act all premises used for the preparation or manufacture of sausages or potted, pressed, pickled or preserved meat, fish or other food intended for sale must be registered.

The number of premises registered at the end of the year was 96.

P R E V E N T I O N   O F   D A M A G E   B Y   P E S T S   A C T ,   1 9 4 9 .

During the year, as a result of complaints and continuous survey, 2,653 premises were inspected. As a result 625 infestations were found and in course of treatment 5,590 visits were made by the Rodent Operator.

A free service for the destruction of Rats and Mice is given to occupiers of dwelling-houses, conditional on there being no contributory negligence. In all other cases the full cost of the work and materials is borne by the occupiers of the premises, and in this connection the sum of £84.15s.9d. was recovered during the year.

S U M M A R Y   O F   V I S I T S   M A D E   F O R   P U R P O S E  
O F   S U R V E Y .

Premises	Number of Visits	Rats only Non-poisonous Baits.
Local Authority Premises	17	176
Houses	1701	1078
Factories	58	96
Food Premises	107	316
Shops (not Food)	21	22
Offices	3	10
Schools	21	39
Stables	1	6
Hen Runs	36	105
Slaughterhouses	6	72
Licensed Premises	16	77
Garages	195	316
Agricultural	7	71
Brooks and Waterways	11	86
Miscellaneous	25	75
TOTAL	2,225	2,545

SUMMARY OF VISITS FOR PURPOSES OF TREATMENT

Type of Premises	No. of Visits	Non-Poisonous Baits Rats Only.		Rats		Poisonous Baits Mice		Estimated Kill Rats only.
		Laid	Taken	Laid	Taken	Laid	Taken	
Local Authority	35	176	9	166	34	137	31	20
Dwellinghouses	4,752	1,078	211	2,587	641	2,417	877	366
Factories	167	96	9	3,208	546	65	14	263
Food Premises	211	316	24	298	42	667	146	23
Shops (Not Food)	28	22	-	30	5	-	-	3
Offices	6	10	-	-	-	24	9	-
Schools	56	39	4	96	21	257	47	12
Piggeries	2	-	-	-	-	-	-	-
Stables	1	6	-	-	-	-	-	-
Hen Runs	39	105	-	-	-	30	10	-
Slaughterhouses	10	72	5	-	-	52	16	-
Licensed Premises	32	77	2	50	7	87	24	4
Clubs	15	30	1	46	9	18	6	5
Garages	197	316	-	20	3	-	-	3
Waterways	12	86	7	21	9	-	-	5
Highways	1	10	3	-	-	-	-	-
Tips	1	-	-	-	-	-	-	-
Agriculture	7	71	-	-	-	-	-	-
Miscellaneous	18	35	-	16	3	14	-	2
TOTALS	5,590	2,545	275	6,538	1,320	3,768	1,180	706

# SEWER INFESTATION

The Ministry of Agriculture, Fisheries and Food procedure as to the methods of pre-baiting and poisoning is adhered to throughout this work. The disinfection of sewers comprises what is known as an initial treatment followed by maintenance of a similar kind at six-monthly intervals.

A comparative table of all treatments undertaken since the inception of this scheme in 1945 to date is given below:-

## SEWER TREATMENT - RATS

Year	Treatment No.	No. of Manholes treated	Baiting (2 days)		Poison Baiting			Estimated Kill
			Taken	Not taken	Good	Taken Small	Not taken	
1945	1	834	107	727	68	38	728	1160
	2	834	31	803	10	22	802	280
1946	3	224	137	311	36	37	151	660
	4	224	135	313	27	35	162	593
1947	5	87	119	55	42	20	25	693
1948	6	98	99	87	24	27	48	500
	7	102	75	129	24	16	62	427
1949	8	106	14	91	30	22	54	520
	9	117	25	82	35	16	66	510
1950	10	94	48	46	14	34	46	930
	11	104	63	41	3	56	45	620
1951	12	64	49	15	4	38	22	420
	13	108	46	62	4	42	62	460
1952	14	106	64	42	1	64	41	222
	15	121	65	56	2	60	59	215
1953	16	109	53	56	-	50	59	208
	17	108	56	52	1	56	51	280
1954	18	100	70	31	-	68	32	109
	19	106	65	27	1	57	48	387
1955	20	101	74	25	2	46	53	480
	21	81	51	30	-	41	40	273
1956	22	96	54	42	-	52	44	260
	23	115	72	43	3	45	67	320
1957	24	111	81	30	2	70	39	740
	25	104	34	70	Baiting with Warfarin commenced			
1958	26	101	78	23		do.	do.	
	27	106	35	71		do.	do.	
1959	28	110	26	84		do.	do.	
	29	118	38	80		do.	do.	
1960	30	86	17	69		do.	do.	
	31	36	21	15		do.	do.	





